

WE CLAIM:

1. An oil-in-water emulsion suited for topical application to the skin of a woman evincing the cosmetic condition called cellulite, having the active ingredients comprising:

(a) an oil-soluble hydroxyflavone selected from the group consisted of quercetin and
5 fisetin;

(b) an oil-soluble isoflavone selected from the group consisting of genistein, diadzein,
and biochanin-A;

(c) an oil-soluble amino substituted butanoate selected from the group consisting of DL-
carnitine, L-carnitine, and carnitine acetate;

(d) a water-soluble xanthine selected from the group consisting of theophylline,
10 theophylline salts, caffeine, and theobromine;

(e) a water-soluble plant extract coleus forskohlii;

(f) a solubizing agent for the oil-soluble ingredients; and,

(g) an emulsifying agent for mixing the oil phase with the aqueous phase.

15 2. The oil-in-water emulsion of Claim 1 wherein quercetin is the hydroxyflavone present in the weight percent of the emulsion volume up to about 5%.

3. The oil-in-water emulsion of Claim 1 wherein fisetin is the hydroxyflavone and is present in the weight volume up to about 5%.

4. The oil-in-water emulsion of Claim 1 wherein the isoflavone is genistein and is present in the
20 weight volume of up to about 5%.

5. The oil-in-water emulsion of Claim 1 wherein the xanthine is theophylline acetate and is present in the weight volume of up to about 4%.

6. The oil-in-water emulsion of Claim 1 wherein the coleus extract is present in the weight volume of up to about 2%.

7. The oil-in-water emulsion of Claim 1 wherein the butanoate is L-acetyl carnitine and is present in the weight volume of up to about 1.5%.

8. The method of treating cellulitis in women wherein the application formulation comprises an oil-in-water emulsion comprising:

(a) an oil-soluble hydroxyflavone selected from the group consisted of quercetin and fifeccetin;

(b) an oil-soluble isoflavone selected from the group consisting of genistein, diadzein, and biochanin-A;

(c) an oil-soluble amino substitute butanoate selected from the group consisting of DL-carnitine, L-carnitine, and carnitine acetate;

(d) a water-soluble xanthine selected from the group consisting of theophylline, theophylline salts, caffeine, and theopromine;

(e) a water-soluble plant extract coleus forskohlii;

(f) a solubizing agent for the oil-soluble ingredients; and,

(g) an emulsifying agent for mixing the oil phase with the aqueous phase.

9. The oil-in-water emulsion of Claim 1 which has been converted to a gel consistency by the incorporation of a natural gum selected from xanthan gum, and carrageenan.

10. The oil-in-water emulsion of Claim 1 which has been converted to a gel consistency by the incorporation of a gelling agent selected from one of methoxycellulose, ethoxycellulose, carboxycellulose, acyanacrylate, polyvinylpyrrolidone, or chitsan.

11. The oil-in-water emulsion of Claim 1 wherein the bioflavonoid oligomeric proanthrocyanidins are included.

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